TestAmerica
INCORPORATED

SEP 1 1999

# ANALYTICAL REPORT

Mr. Richard Tyler
MILBANK MANUFACTURING INC
1400 E. HAVENS ST.
KOKOMO, IN 56901-3188

08/26/1999

Job Number: 99.04772


Enclosed are the Analytical Results for the following samples submitted to TestAmerica, Inc. Indianapolis Division for analysis:

Project Description: SEMI-ANNUAL WASTEWATER ANALYSIS

| Sample Number | Sample Description | Date Taken | Date Received |
|---|---|---|---|
| 246202 | WASTEWATEWR SAMPLES - GRAB | 08/19/1999 | 08/20/1999 |
| 246203 | WASTEWATER - COMPOSITE | 08/19/1999 | 08/20/1999 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Project Representative

6964 HILLSDALE CT. / INDIANAPOLIS, IN 46250 / 317-842-4261 / FAX: 317-842-4286

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08/26/1999

Job No.: 99.04772


Date Received: 08/20/1999
Job Description: SEMI-ANNUAL WASTEWATER ANALYSIS

| Sample Number / Sample I.D.<br>Parameters | Result | Flag | Sample Date/<br>Units | Analyst &<br>Date Analyzed | Method | Reporting<br>Limit |
|---|---|---|---|---|---|---|
| 246202 | WASTEWATEWR SAMPLES - GRAB | | 08/19/1999 | | | |
| Cyanide - Prep | Complete | | | aml / 08/24/1999 | | Complete |
| Cyanide, Total | <0.005 | | mg/L | sld / 08/25/1999 | EPA 335.4 | <0.005 |
| Oil & Grease | <5. | | mg/L | sat / 08/25/1999 | EPA 1664 | <5. |
| 246203 | WASTEWATER - COMPOSITE | | 08/19/1999 | | | |
| Cadmium, ICP | <0.010 | | mg/L | psc / 08/24/1999 | EPA 200.7 | <0.010 |
| Chromium, ICP | <0.010 | | mg/L | psc / 08/24/1999 | EPA 200.7 | <0.010 |
| Copper, ICP | 0.028 | | mg/L | psc / 08/24/1999 | EPA 200.7 | <0.010 |
| Lead, ICP | <0.080 | | mg/L | psc / 08/24/1999 | EPA 200.7 | <0.080 |
| Nickel, ICP | 0.044 | | mg/L | psc / 08/24/1999 | EPA 200.7 | <0.020 |
| Silver, ICP | <0.020 | | mg/L | psc / 08/24/1999 | EPA 200.7 | <0.020 |
| Zinc, ICP | <0.020 | | mg/L | psc / 08/24/1999 | EPA 200.7 | <0.020 |

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# KEY TO ABBREVIATIONS

| | |
|---|---|
| < | Less than; when appearing in the result column, indicates analyte not detected at or above the Reporting Limit. |
| % | Percent; To convert ppm to %, divide result by 10,000. To convert % to ppm, multiply the result by 10,000. |
| * | Indicates the Reporting Limit is elevated due to insufficient sample volume. |
| mg/L | Part per million; Concentration in units of milligrams of analyte per Liter of aqueous sample. |
| ug/L | Part per billion; Concentration in units of micrograms of analyte per Liter of aqueous sample. |
| mg/kg | Part per million; Concentration in units of milligrams of analyte per kilogram of non-aqueous sample. |
| ug/kg | Part per billion; Concentration in units of micrograms of analyte per kilogram of non-aqueous sample. |
| a | Indicates the sample concentration was quantitated using a diesel fuel standard. |
| b | Indicates the analyte of interest was also found in the method blank. |
| c | Sample resembles unknown Hydrocarbon. |
| dw | When indicated, the result is reported on a dry weight basis. The contribution of the moisture content in the sample has been subtracted when calculating the concentration. |
| d1 | Indicates the analyte has elevated Reporting Limit due to high concentration. |
| d2 | Indicates the analyte has elevated Reporting Limit due to matrix. |
| e | Indicates the reported concentration is estimated. |
| f | Indicates the sample concentration was quantitated using a fuel oil standard. |
| g | Indicates the sample concentration was quantitated using a gasoline standard. |
| h | Indicates the sample was analyzed past recommended holding time. |
| i | Insufficient spike concentration due to high analyte concentration in the sample. |
| j | Indicates the reported concentration is below the Reporting Limit. |
| k | Indicates the sample concentration was quantitated using a kerosene standard. |
| l | Indicates an MS/MSD was not analyzed due to insufficient sample. An LCS / LCS Duplicate provided for precision. |
| m | Indicates the sample concentration was quantitated using a mineral spirits standard. |
| o | Indicates the sample concentration was quantitated using a motor oil standard. |
| p | Indicates the sample was post spiked due to sample matrix. |
| q | Indicates MS/MSD exceeded control limits. All other Quality Control Indicators were in control. |
| r | Indicates the sample was received past recommended holding time. |
| s | Indicates the sample concentration was quantitated using a stoddard solvent standard. |
| u | Indicates the sample was received improperly preserved and/or imporperly contained. |
| uj | Indicates the result is below the Reporting Limit and is considered estimated. |

6964 HILLSDALE CT. / INDIANAPOLIS, IN 46250 / 317-842-4261 / FAX: 317-842-4286

*Chain of Custody Record*

# TESTAMERICA INC.

SEP 1 1999

Page ____ of ____

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ❒ Asheville, NC (A) (828) 254-5169 | ❒ Bartlett, IL (C) (630) 289-3100 | ❒ Cedar Falls, IA (E) (319) 277-2401 | ❒ Charlotte, NC (G) (704) 392-1164 | ❒ Dayton, OH (I) (937) 294-6856 | ❒ Lumberton, NC (K) (910) 738-6190 | ❒ Nashville, TN (M) (615) 726-0177 | ❒ Pontiac, MI (O) (248) 332-1940 | ❒ Rockford. Il (Q) (815) 874-2171 |
| ❒ Atlanta, GA (B) (770) 368-0636 | ❒ Brighton, CO (D) (303) 659-0497 | ❒ Charleston, SC (F) (843) 849-6550 | ❒ Columbia, SC (H) (803) 796-8989 | ❒ Davenport. IA (J) (319) 323-7944 | ❒ Indianapolis, IN (L) (317) 842-4261 | ❒ Macon, GA (N) (912) 757-0811 | ❒ Orlando, FL (P) (407) 851-2560 | ❒ Watertown, WI (R) (920) 261-1660 |

| | |
|---|---|
| Client: MILBANK MFG. | Project No.: WEEKLY WASTEWATER |
| Report Address: 1400 E. HAVENS | Invoice Address: |
| KOKOMO, IN 46901 | |
| Attn: RICHARD TYLER | Attn: |
| Phone No.: (765) 452-5694 | Sampled By: Michael Meyer |
| Fax No.: | P.O. No: |
| **TURNAROUND TIME** | Quote No. |
| ❒ Standard | State Samples Collected |
| ❒ Rush (surcharges may apply) | Date Needed: |

**REQUESTED PARAMETERS**

Is this work being conducted for regulatory compliance monitoring? Yes___ No___

Is this work being conducted for regulatory enforcement action? Yes___ No___

Which regulations apply:
RCRA____ NPDESWastewater____
UST____ Drinking Water____
Other___ None____

| Sample ID | Date | Time | Comp (C) Grab (G) | Matrix | Lab Use | TOT. CYANIDE | METALS: Cd, Cr, Cu, Pb, Ni, Zn, Hg, Ag | FIELD REPORT | OIL & GREASE | # and type of containers HCl | NaOH | $HNO_3$ | $H_2SO_4$ | Other | None | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OUTFALL 001 - COMP | 8/19 | — | C | | | | X | X | | | | | | | 18 | SAMPLES TO BE FLOW PROPORTIONED |
| OUTFALL 001 - GRAB | 8/19 | 13:15 | G | | | X | | | X | | 1 | | 1 | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |

QC Deliverables: ❒ None ❒ Level 2 - Batch QC ❒ Level 3 ❒ Level 4 ❒ Other

1.7°C Init Lab Temp

1.7°C Rec Lab Temp

COMMENTS:

| | | | | | |
|---|---|---|---|---|---|
| Relinquished By: Michael Meyer | Date 8/20 Time 15:45 | Received By: India Oldham | Date 8/20 Time 1545 | **LAB USE ONLY:** | |
| Relinquished By: | Date Time | Received By: | Date Time | | |
| Relinquished By: | Date Time | Received By: | Date Time | **Custody Seal:** ❒Yes ❒No ❒N/A | |
| Relinquished By: | Date Time | Received By: | Date Time | **Bottles Supplied by TA:** ❒Yes ❒No | |

MIL0002318

8-19-99
THURS

MILBANK
MANUFACTURING CO.

Corporate Office:
P.O. Box 419028, Kansas City, Missouri 64141-0028 • (816) 483-5314 • FAX: 483-6357

| TIME | METER READING |
|---|---|
| 7:30 | 146550 |
| 8:00 | 146660 |
| 8:30 | 146860 |
| 9:00 | 147060 |
| 9:30 | 147260 |
| 10:00 | 147470 |
| 10:30 | 147600 |
| 11:00 | 147750 |
| 11:30 | 147950 |
| 12:00 | 148150 |
| 12:30 | 148350 |
| 1:00 | 148450 |
| 1:30 | 148580 |
| 2:00 | 148720 |
| 2:30 | 148820 |
| 3:00 | 148930 |
| 3:30 | 149090 |